

FIRSOV, I.G. (Michurinsk); AVDEYEVA, R.A. (Mirchurinsk)

Baits for wireworms. Zashch. rast. ot vred. i bol. 9 no.9:17 '64.
(MIRA 17:11)

SOV/154-59-2-6/22

3(4)
AUTHOR: Firsov, I. N., Docent

TITLE: Level-Theodolite (Nivelir-teodolit)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aéro-fotos'yemka, 1959, Nr 2, pp 37 - 39 (USSR)

ABSTRACT: The present paper gives a description of a level-theodolite which makes it possible to determine simultaneously the position and the height of a point with the accuracy required. Many parts used in this instrument are derived from other instruments hitherto used. Namely, the whole lower part of the 30"-theodolite to the KL line has remained unchanged as well as the whole upper part to the AB line of the level instrument with reversible telescope and telescope level. The connecting part and the one with the level, by whose aid the main axis ZZ' of the instrument is brought in a perpendicular position, should be re-built. It is intended to equip the instrument with an attachment of the differential-telemeter DD-2, which will make it possible to do without the steel band in most cases. The inclination device must

Card 1/3

Level-Theodolite

SOV/154-59-2-6/22

secure any required inclinations of the upper part of the instrument when measuring horizontal angles, as well as the strictly fixed inclinations. The inclinations are obtained by the aid of a special lever, the strictly fixed inclinations by the aid of an extractive supporting plate FF' which forms the cathetus of a right-angled triangle. This part of the device works on the principle of the proportionality of the sides in similar triangles. It is intended to use parts of the theodolite TG-1 as well as of the levelling instrument NP. These two instruments are built by the Khar'kovskiy zavod marksheyderskikh instrumentov (Khar'kov Factory for Mine Surveying Instruments). In the SKB (Special Designing Office) in cooperation with the author it is intended to work out constructions for the connecting parts and for the inclination device and to build an experimental model of the new instrument. Finally, the geometrical conditions applying to the new instrument and the checking of them are dealt with. There is 1 figure.

Card 2/3

Level-Theodolite

SOV/154-59-2-6/22

ASSOCIATION: Khar'kovskiy gornyy institut (Khar'kov Mining Institute)

Card 3/3

AKOPYAN, M.M.; SHAPOVALOV, V.I.; FIESOV, I.P.

Collection of fleas with a flannel hoop-net on steppes. Med. parasit.,
Moskva no.1:78-81 Jan-Feb 1953. (GLML 24:4)

1. Of Zimovnikovsk Scientific-Research Station.

~~FIRSOV, I.P.;~~ GUSEV, A.I.; BOGATKOV, V.N.

Extra-curricula work on technology. Fiz. v shkole 13 no.4:44-50 J1-ag '53.
(MLBA 6:6)

1. Tsentral'naya stantsiya yunikh tekhnikov imeni N.M. Shvernika.
(Technical education)

FIRSOV, I.P.

What the exposition of children's technical exhibits showed.
Fiz. v shkole 14 no.3:92-96 My-Je '54. (MLRA 7:7)

1. Direktor TSentral'noy stantsii yunykhn tekhnikov im. N.M.
Shvernika.
(Technology--Exhibitions)

FIRSOV, I.P., kapitan 1-go ranga

Some problems of reconnaissance at sea. Mor. sbor. 47 no. 3:79-85
Mr '64. (MIRA 18:7)

FIRSOV, I.V., kapitan 1-go ranga.

Reconnaissance with submarines. Mor. sbor. 48 no.10:16-22 0 '65.
(MIRA 18:9)

(N) L 11918-66

ACC NR: AP6001830

SOURCE CODE: UR/0375/65/000/010/0016/0022

A THOR: Firsov, I. V. (Captain)

ORG: none

TITLE: Submarine reconnaissance

SOURCE: Morskoy sbornik, no. 10, 1965, 16-22

TOPIC TAGS: military intelligence, intelligence collection, submarine, submarine countermeasure, naval tactic, radar reconnaissance, acoustic reconnaissance

ABSTRACT: The author discusses the possible reconnaissance and intelligence tasks which can be carried out by submarines especially equipped by hydroacoustic and radar systems, devices for radio interception and direction finders, and photographic and direct viewing equipment. On the basis of U. S., British, and German data concerning such operations in World War II, the paper covers in considerable detail 1) the reconnaissance of ocean and sea communications; 2) the finding and location of navy fighting ships; 3) reconnaissance for security reasons and to help other sea operations;

Cord 1/2

L 11918-66

ACC NR: AP6001830

4) the reconnaissance of enemy submarines; 5) reconnaissance of enemy shores; 6) reconnaissance in connection with planned air actions; 7) hydrometeorological reconnaissance preceding landing operations; and 8) surveying of navigation conditions.

SUB CODE: 15 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 002
/3/

Card 2/2

PICHUGIN, A. A.; POPEL', G. V.; FIRSOV, I. Ya.; TESLENKO, I. N.

Automation of the process of colling softened water. Khim.
volok. no.6:62-63 '62. (MIRA 16:1)

(Water—Softening) (Automatic control)

BUZO, S.A. (Leningrad); SHAUFLER, D.Ya.; SURIN, N.M. (g.Nal'chik); FIRSOV, K.;
TEBEN'KOV, B.K.

Useful advice. Fiz. v shkole 18 no.4:64-65 Jl-Ag '58. (MIRA 11:7)

1. Rudnik Zholymbet Akmolinskoy obl. Kaz.SSR, srednyaya shkola (for
Shaufler). 2. St. laborant kafedry fiziki Permskogo gosudarstvennogo
universiteta (for Teben'kov).
(Physics)

MERSHAYKA, V.; POPOV, I., mashinist kombayna; FIRSOV, K. mashinist kombayna

We will achieve our aims. Mast.ugl. 9 no.12:6 D '60. (MIRA 13:12)

1. Nachal'nik pervogo uchastka shakhty No.37 kombinata Karagandaugol' (for Mershavka).
(Karaganda Basin--Coal mines and mining--Labor productivity)

FIRSOV, K.G.

~~ways of increasing production and improving the quality of knitting goods.~~
Ways of increasing production and improving the quality of knitting goods. Leg.prom. 14 no.2:7-10 F '54. (MLRA 7:5)

1. Nachal'nik planovo-ekonomicheskogo otдела f-ki "Krasnoye znanya".
(Knit goods)

FIRSOV, Konstantin Gavrilovich; MEDVEDEV, M.F., retsenzents; GRACHEVA, A.V., red.; BATYREVA, G.G., tekhn. red.; SHAPENKOVA, T.A., tekhn. red.

[Analysis of the production operation of a knit goods factory] Analiz proizvodstvennoi deiatel'nosti trikotazhnykh fabrik. Moskva, Gizlegprom, 1963. 133 p.

(MIRA 17:2)

FIRSOV, K.I. ; BONDAROVICH, I.A., agronom

Success of a virgin land state farm in fulfilling first year's
tasks of the seven-year plan. Zemledelie 8 no.1:89-91 Ja
'60. (MIRA 13:4)

1. Glavnyy agronom sivkhoza "Zarechnyy", Yesil'skogo rayona, Akmo-
linskoy oblasti (for Firsov). 2. Akmolinskoye oblastnoye
upravleniye sel'skogo khozyaystva (for Bondarovich).
(Akmolinsk Province--State farms)

FIRSOV, L. A., ALERSANYAN, A.M.

Mbr., Inst. Evolutionary Physiology and Pathology of Higher Nervous System im.
Acad. I. P. Pavlov, -1949-.

"Recording of the Cerebellum's Function on the Electroencephalogram," Iz. Ak.
Nauk SSSR, Ser. Biol., No. 5, 1949.

FIRSOV, L.A.; VORONIN, L.G., zavednyushchiy.

Data for the study of conditioned motor responses to chains of stimuli in monkeys. Trudy Inst.fiziol. 1:187-195 '52. (MLRA 6:8)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti.
(Conditioned response)

PRAZDNIKOVA, N.V.; FIRSOV, L.A.

Interrelationship of the motor and vocal components of conditioned reaction in monkeys (capuchins) in the modification of one of the members of a chain stimulus. Trudy Inst.fiziol.no.2:306-315 '53.
(MLRA 7:5)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - L.G.Voronin). (Monkeys--Conditioned response)

Translation M-1150, 12 Jun 56

FIRSOV, L.A.

Conditioned inhibition in primates. First report: Characteristics of the formation and differentiation of conditioned inhibitions in baby chimpanzees. Trudy Inst.fiziol. no.2:433-448 '53. (MIRA 7:5)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - L.G.Voronin). (Inhibition) (Conditioned response)

Translation M-1152

FIRSOV, L.A.

Conditioned motor responses to chains of stimuli in dogs. Zhur.vys.
nerv.deiat. 4 no.6:842-851 N-D '54. (MLRA 8:7)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'-
nosti Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.

(REFLEX, CONDITIONED,
motor reflex to chain of stimuli in dog)

FIRSOV, L.A.

Oscillographic study of vocal reactions in monkeys. Fiziol.shur.
40 no.1:18-22 Ja-F '54. (MLRA 7:2)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'-
nosti Instituta fiziologii im.I.P.Pavlova Akademii nauk SSSR,
Leningrad. (Reflexes) (Voice) (Oscillograph)

USSR/Medicine - Higher Nervous Activity

FD-2790

Card 1/1 Pub 154-11/19

Author : Firsov, I. A.
 ~~XXXXXXXXXXXXXXXXXXXX~~

Title : Conditioned motor reflexes to chains of stimuli in baby chimpanzees

Periodical : Zhur. vys. nerv. deyat. 5, 247-254, Mar-Apr 1955

Abstract : Investigated the development of conditioned motor reflexes to chains of stimuli (as sound-light-tone) in two chimpanzees under 4 1/2 years of age. Tables; graphs. Eleven references, all USSR (8 since 1940).

Institution : Laboratory of Comparative Physiology of Higher Nervous Activity of the Institute of Physiology imeni I. P. Pavlov of the Academy of Sciences USSR

Submitted : June 3, 1954

MAYOROV, F.P.; FILISOV, L.A.

Dynamic stereotype in anthrepeids (chimpanzee). Zhur.vys.nerv.deiat.
6 no.1:44-52 Ja-F' 56. (MLRA 9:7)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'no-
sti Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR.
(ANTHROPOID,
chimpanzee, cortical motor dynamic stereotype (Rus))
(CEREBRAL CORTEX, physiology,
motor dynamic stereotype of chimpanzee (Rus))

PIRSON, L.A.

Anthropoid apes in experimental medicine. Priroda 45 no.9:27-29
S '56. (MIRA 9:10)
(CHIMPANZERS) (MEDICINE, EXPERIMENTAL)

MAYOROV, F.P.; PIRSOV, L.A.

Study of sleep dynamics in the chimpanzee. Dokl. AN SSSR 109 no.1:229-
232 J1-Ag '56. (MLRA 9:10)

Y. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti
Instituta fiziologii imeni I.P. Pavlova Akademii nauk SSSR. Predstavleno
akademikom K.M. Bykovym.

(SLEEP)

MAYOROV, F.P.; FIRSOV, L.A.

Experimental study of right-handedness in the chimpanzee. Dokl.
AN SSSR 109 no.5:1065-1068 Ag. 1956. (MLA 9:10)

1. Institut fiziologii imeni I.P.Pavlova Akademii nauk SSSR. Pred-
stavleno akademikom K.M. Bykovym.
(CHIMPANZES) (LEFT- AND RIGHT-HANDEDNESS)

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3868

Author : Mayorov, F. P.; Firsov, I. A.

Inst : AS USSR

Title : Experimental Study on Right-Handedness in the Chimpanzee

Orig Pub : Probl. fiziol. tsentr. nervn. systemy. M.-L., AN SSSR, 1957, 343-351

Abstract : In 18 series of experiments with 3 chimpanzees, conducted by the symmetric labyrinth method with a functional load, all animals during a 1½ year period predominantly used the right hand. The left hand, as functionally less labile, was used by 2 chimpanzees only when obstacles to the right hand were encountered. The duration of the motion reaction was somewhat shorter counter-clockwise than clockwise. Position of the

Card 1/2

USSR / Human and Animal Physiology. Nervous System.

T-10

App Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3868

experimenter, location of door and door-lock as well as
of other components of the conditioned stimulant had no
effect on the results of the experiments. -- A. M. Ryabin
ovskaya

Card 2/2

FIRSOV, L.A.

Data on the irradiation and concentration of the inhibitory process in dogs and monkeys. Trudy Inst. fiziol. 6:463-469 '57. (MIRA 11:4)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti (zaveduyushchiy L.G. Voronin).
(CONDITIONED RESPONSE)

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3869

Author : Firsov, L. A.

Inst : Institute of Physiology AS USSR

Title : Conditioned Inhibition in Primates. Communication.
II. Differentiation by the Chimpanzee-Young Between
Conditioned Food and Play Inhibitions

Orig. Pub : Tr. In-ta Fiziol. AN SSSR, 1957, 6, 470-476

Abstract : Conditioned positive and inhibitory motor reactions were developed in a young chimpanzee on a food and play reinforcement basis. The rate at which the food and play reflexes were formed was almost equal (2 - 3 conjunctions). Conditioned inhibition was obtained faster with regard to the play reflex (formation at the 3rd, consolidation at the 10th conjunction) than to the food reflex (formation at the 4th, consolidation

Card 1/2

89

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3869

at the 31st conjunction). On the day when the conditioned play inhibition was destroyed, food disinhibition also began; on the following day, however, the food inhibition became reinstated. Analogical results were observed, when the changes affected the food inhibition only. Vegetative reactions (eructation, hiccup, vomiting, loose stools, etc.) were noted during formation of the conditioned inhibition, but disappeared in the process of its consolidation. -- K. S. Ratner

Card 2/2

COUNTRY : USSR

CATEGORY :

T

ABS. JOUR. : RZhBiol., No. 5 1959, No. 22460

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : entire surface of the vermis, paramedian lobes and medial portions of the cerebellar hemispheres. The most stable responses were observed in the simple lobe, tuber and folium of the vermis. There was overlapping of the fields of responses to sound and light stimuli in the simple lobe. The electrical response of the cerebellum to sounds was absent after the acoustic nerve was sectioned. Among decerebrate animals the cerebellar electrical response to sound was preserved, a fact which attests to the presence of direct nervous connections between subcortical divisions of the auditory analyzer and the cerebellum.

Card:

2/2

T-101

FIRSOV, L.A.

Changes with electrical activity of the cerebellum following
interoceptive stimulation of the stomach and bladder [with summary
in English]. Fiziol.shur. 44 no.1:3-9 Ja '58 (MIRA 11:3)

1. Institut fiziologii im. I.P. Pavlova AN SSSR, Leningrad.
(CEREBELLUM, physiology,
eff. of bladder & stomach stimulation in cats (Rus)
(BLADDER, physiology,
eff. of stimulation on cerebellum (Rus)
(STOMACH, physiology,
same)

FIRSOV, L.A.

Effect of various conditions of the genital system on the higher nervous activity in female dogs and lower monkeys. Fiziol.shur.
44 no.12:1126-1130 D '58 (MIRA 12:1)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti
Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.
(CENTRAL NERVOUS SYSTEM, physiol.
higher nerv. activity, eff. of estrus cycle on dogs
& monkeys (Rus))
(ESTRUS CYCLES, physiol.
eff. on higher nerv. activity in dogs & monkeys (Rus))

FIRSOV, E.A.

Study of vestigial conditioned reflexes in the chimpanzee. Nauch.
soob. Inst. fiziol. AN SSSR no.1:75-77 '59. (MIRA 14:10)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti
(zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova. AN SSSR.
(CONDITIONED RESPONSE)

KRASUSKAYA, N.A.; FIRSOV, L.A.

Dynamics of conditioned trace reflexes in hamadryad baboons seen with relation to cyclic changes in the sexual sphere. Trudy Inst. fiziol. 8:122-127 '59.
(MIRA 13:5)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - B.V. Pavlov) i Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - F.P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(CONDITIONED RESPONSE) (ESTRUS)

KOMAROVA, T.F.; MAYOROV, F.P.; FIRSOV, L.A.

Experimental study of sleep in anthropoid apes (chimpanzee).
Fiziol.shur. 45 no.8:924-931 Ag '59. (MIRA 12:11)

1. From the I.P.Pavlov Institute of Physiology, Leningrad.
(SLEEP, physiology)

FIRSOV, L.A.

State of trace conditioned reflexes in the chimpanzee in relation to the sexual cycle. Zhur. vys. nerv. deiat. 10 no. 3:414-420
My-Je '60. (MIRA 14:2)

I. Laboratory of Physiology and Pathology of Higher Nervous Activity, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Kol'tushi.

(CONDITIONED RESPONSE) (ESTRUS)

FIRSOV, L.A.

Angioneurotic edema of the skin in an anthropoid ape (chimpanzee).
Vest. dermat. i ven. 34 no. 7:14-17 '60. (MIRA 13:12)
(BLOOD VESSELS—DISEASES)

FIRSOV, I.A.

Comparative characteristics of behavior and some vegetative functions
in chimpanzees. Dokl. AN SSSR 141 no.6:1522-1524 D '61.

(MIRA 14:12)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno
akademikom V.N.Chernigovskim.

(PRIMATES--BEHAVIOR) (PHYSIOLOGY)

SCHASTNYI, A.I.; FIRSOV, L.A.

Physiological analysis of means of intercommunication in chimpanzees
in a group experiment. Dokl. AN SSSR 141 no.5:1264-1266 D '61.

(MIRA 14:12)

1. Institut fiziologii im. I.P. Pavlova AN SSSR. Predstavleno
akademikom V.N. Chernigovskim.

(CHIMPANZEES) (CONDITIONED RESPONSE)

FIRSOV, L.A.

Characteristics of trace (delayed) reactions in chimpanzees.
Trudy Inst. fiziol. 10:152-166 '62 (MIRA 17:3)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'-
nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova
AN SSSR.

FIRSOV, L.A., kand. med. nauk (Leningrad)

Dynamics of some functions in a chimpanzee during the sexual cycle. Probl. endok. i gorm. 9 no.3:7-14 My-Je '63.

(MIRA 17:1)

1. Iz laboratorii fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - prof. F.P. Mayorov) Instituta fiziologii imeni I.P. Pavlova (dir. - akademik V.N. Chernigovskiy) AN SSSR.

KOMAROVA, T. F.; FIRSOV, L. A.

General sugar content in the blood of a chimpanzee. Dokl.
AN SSSR 155 no. 2:486-488 Mr '64. (MIRA 17:5)

1. Institut fiziologii im. I. P. Pavlova AN SSSR.

FIRSOV, L. A.

"Fiziologicheskoye izucheniye golosovykh reaktsiy us vysshikh i nizshikh
obez'yan."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

MAYOROV, F.P. [deceased]; FIRSOV, L.A.

Physiological analysis of the so-called foresight in chimpanzees.
Nauch.sob. Inst.fiziol. AN SSSR no.3:112-116 '65.

(MIRA 18:5)

1. Laboratoriya fiziologii i eksperimental'noy patologii vysshey
nervnoy deyatel'nosti (zav. - F.P.Mayorov [deceased]).

PEAZDNIKOVA, N.V.; FIRSOV, I.A.

Study of the cortical activity in children attending a music
school. Nauch.sob. Inst.fiziol. AN SSSR no.3:130-134 '65.
(MIRA 18:5)

1. laboratoriya sravnitel'noy fiziologii vysshey nervnoy
deyatelnosti (zav. - B.V.Pavlov) Instituta fiziologii imeni
Pavlova AN SSSR.

FIRSOV, L.F.

Meteoritic origin of the Puchezh-Katunki crater. Geotektonika
no.2:106-118 Mr-Apr '65. (MIRA 18:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

SOV/180-59-3-32/43

AUTHORS: Nesmeyanov, An.N. and Firsov, L.P. (Moscow)

TITLE: The Vapour Pressure of the Oxides of Lithium, Beryllium, Boron, Silicon and Lead

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo, 1959, Nr 3, pp 150-151(USSR)

ABSTRACT: Previous values (Ref 1-9) had shown disagreement. The vapour pressures of the oxides were measured by the effusion method. The rate of evaporation from an uncovered surface in vacuo was also measured for Be, Si and Pb oxides. The apparatus was so constructed that a whole series of measurements could be taken without breaking the vacuum. Experiments were carried out to find the best construction materials giving least reaction with the oxides. It was shown that nickel or platinum should be used for lithiumoxide, molybdenum or tantalum for silicon and boron oxides, tungsten or cermets for beryllium oxide and cermets for lead oxide. It was shown that all the oxides had coefficients of condensation approximately 1, and evaporated with no change in the molecular structure.

Card 1/2 A list of equations of the relation between pressure

SOV/180-59-3-32/43
The Vapour Pressure of the Oxides of Lithium, Beryllium, Boron,
Silicon and Lead

and temperature is given for various oxides in the
order Li, Be, B, Si, Pb. There are 10 references,
9 of which are English and 1 Soviet.

Card 2/2

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5.4700

2209 1273 1310

S/076/60/034/008/017/039/XX
B015/B063

AUTHORS: Nesmeyanov, An. N., Firsova, L. P., and Isakova, Ye. P.

TITLE: Measurement of the Pressure of Saturated Vapor of Solid Lead Monoxide by the Method of Continuous Flow

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 18,
pp. 1699 - 1701

TEXT: In two series of experiments described in Ref. 1, the authors determined the vapor pressure of PbO by evaporation from an open surface and out of an effusion chamber in vacuo. As the results of the two series did not agree with one another and with the data of Feiser, additional measurements have now been made by the method of continuous flow. The measurements were carried out between 1055° and 1153° K with 99.5% PbO (massicot) and with oxygen, air, and nitrogen as carrier gases. The sample was put in a Pt boat which was placed into a quartz or porcelain tube lined with Pt sheet. The tube was then heated in a furnace. The temperature near the Pt boat was measured with a Pt - Pt/Rh thermocouple. The quantity of carrier gas passed through was measured with a Patrikeyev gasometer of

Card 1/4

86154

Measurement of the Pressure of Saturated Vapor of Solid Lead Monoxide by the Method of Continuous Flow S/076/60/034/008/017/039/XX B015/B063

the type YPCF-1 (URSP-1). The quantity of evaporated PbO was calculated from the weight loss of the sample and from the vapor pressure according to the equation $p_{\text{PbO}} = p_{\text{G}} \cdot q_0$ (p_{G} - pressure of carrier gas; q_0 - extrapolated value obtained from the quantity of carrier gas passed through and from the quantity of evaporated PbO for the given temperature). The previous measurements and the present experiments were evaluated simultaneously, and the following equation was derived by the method of least squares: $\log p_{\text{atm}} = 8.7002 - 13858/T$, wherefrom $\Delta H_{1000} = 67.4$ kcal/mole was obtained from the slope of the straight line. The sublimation heats for 0°K were calculated from the values of vapor pressure and $\bar{\phi}'$ potentials made available by IGI AN SSSR (IGI AS USSR). All values are given in a table. There are 1 table and 4 references: 1 Soviet, 2 German, and 1 US.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: September 19, 1958

Card 2/4

86154

S/076/60/034/C08/017/039/XX
B015/B063

Давление насыщенного пара твердой окиси свинца

Т°, К	Газ-ис- титель	Р, мм рт. ст.	q	РРЬО, мм рт. ст.	ИРЬО, мм рт. ст.	ΔФ	ΔH ₀ ккал	ΔH ₀ - ΔH ₀ ккал
7	1055 Кислород	743	2,15·10 ⁻⁵	1,000·10 ⁻³	2,2040	38,7185	63,4241	0,0105
8	1061 Воздух	758	1,25·10 ⁻⁵	9,477·10 ⁻³	3,9763	38,6982	64,8987	1,4550
9	1065 Кислород	748	3,16·10 ⁻⁵	2,370·10 ⁻²	2,3747	38,6846	63,1661	0,2476
10	1072 Воздух	741	4,57·10 ⁻⁵	3,390·10 ⁻²	2,5302	38,6610	62,7845	0,6292
11	1073 "	740	6,31·10 ⁻⁵	4,670·10 ⁻²	2,6694	38,6575	62,1559	1,2578
12	1075 Кислород	741	4,37·10 ⁻⁵	3,240·10 ⁻²	2,5105	38,6507	63,0460	0,3677
13	1083 Азот	738	5,50·10 ⁻⁵	4,060·10 ⁻²	2,6085	38,6236	63,0002	0,4135
14	1087 Кислород	745	6,30·10 ⁻⁵	4,690·10 ⁻²	2,6712	38,6101	62,9063	0,5074
15	1095 Азот	734	5,50·10 ⁻⁵	4,040·10 ⁻²	2,6064	38,5829	63,6642	0,2505
16	1101 Кислород	750	5,16·10 ⁻⁵	3,870·10 ⁻²	2,5877	38,5669	64,0897	0,6760
17	1107 Азот	736	6,61·10 ⁻⁵	4,860·10 ⁻²	2,6806	38,5729	63,9446	0,5309
18	1115 Воздух	742	1,10·10 ⁻⁴	8,162·10 ⁻²	2,9118	38,5794	63,2651	0,1486
19	1136 Азот	745	1,26·10 ⁻⁴	9,394·10 ⁻²	2,9728	38,5990	64,1606	0,7469
20	1149 Воздух	746	2,14·10 ⁻⁴	0,1600	1,2040	38,6097	63,6929	0,2792
21	1153 "	745	3,16·10 ⁻⁴	0,2350	1,3711	38,6132	63,0370	0,3767
	10 Среднее						63,414±	0,459

Card 3/4

86251

S/076/60/034/008/017/039/XX
B015/B063

Text to the table: Pressure of Saturated Vapor of Solid Lead Monoxide;
1 = carrier gas; 2 = p_G , mm Hg; 3 = p_{PbO} , mm Hg; 4 = $\log p_{PbO}$, mm Hg;
5 = ΔH_0° kcal; 6 = $\Delta H_0^\circ - \Delta H_0^\circ$ kcal; 7 = oxygen; 8 = air; 9 = nitrogen;
10 = mean value.

Card 4/4

FIRSOV, L. V.

26991. FIRSOV, L. V. K voprosu o prirode paleodiktion. Byullten' mosk. o-va ispytateley prirody, otd. geol., 1949, vyp. 4, s 86-92.-Bibliogr: 11 Nazv.

So: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949.

FIRSOV, L.V.

Structural characteristics of chalcedony-quartzine-quartz geodes
from effusive rocks. Zap.Vses.min.ob-va 84 no.1:85-90 '55.
(Geodes) (MIRA 8:5)

FIRSOV, L.V., kandidat geologo-mineralogicheskikh nauk (Magadan)

Rosette lichen (*Parmelia centrifuga*) on bald granite rocks.
Priroda 45 no.3:120 Mr '56. (MIRA 9:7)
(Lichens)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,
p 105 (USSR) 15-57-1-666

AUTHOR: Firsov, L. V.

TITLE: The Fragmental Structure of Gold Ore Veins (Oblomochnyye tekstury zolotorudnykh zhil)

PERIODICAL: Vestn. Mosk. un-ta, 1956, Nr 2, pp 125-132.

ABSTRACT: Gold-ore quartz veins, vein stockworks, and complex systems invariably contain either accidental fragments or systematically arranged inclusions of the host rocks. The form, size, and position of these fragments permit several types of so-called fragmental structure to be distinguished. Veins and vein systems with brecciated structure are a widespread type of quartz body in sequences of sheared rocks. So-called reticulated dikes, chiefly found in igneous bodies, have brecciated structure. The general features of fragmental structure are given below. 1) Any fragments and systematic inclusions of country rock are found in

Card 1/2

15-57-1-666

The Fragmental Structure of Gold Ore Veins (Cont.)

quartz veins as though they were suspensions. 2) Veins with fragments and systematic inclusions of country rock show no traces of gravitational concentration of the fragments or inclusions in any part of the vein. The disposition of the fragments appears indifferent to whether the vein is inclined, vertical, or horizontal. 3) Almost everywhere signs are found of active dynamic activity of the vein material, from which quartz has crystallized on the fragments and inclusions of country rock. 4) The vein bodies with fragmental structure consist entirely, in each case, of but a single generation of quartz.

Card 2/2

Ye. P. M.

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413220015-3"

SOSNOVSKIY, Nikolay Pavlovich; KAZURINA, Nadezhda Mikhaylovna; SHILO,
N.A., otv.red.; POTEMKIN, S.V., zam.otv.red.; ALEKSANDROV, P.P.,
red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.; MUZHEDIN, I.I.
red.; FIRSOV, L.V., red.; FOMENKO, T.G., red.; SHAKHNAROVICH, L.A.,
red.

[Treatment of hard to concentrate tin-tungsten ores] Obrabotka
trudnoobogatimoi olovianno-vol'framovoi fudy. Magadan, 1958. 26 p.
(Magadan, Vsesoyuznyi nauchno-issledovatel'skii institut zolota i
redkikh metallov. Trudy. Obogashchenie i metallurgiya, no.28).

(MIRA 13:4)

(Tin ores) (Tungsten ores) (Ore dressing)

KARTASHOV, Isail Pavlovich; SHILO, H.A., otv. red.; POTENKIN, S.V., zam. otv. red.; ALEKSANDROV, P.P., red.; APPEL'SIN, P.R., red.; BELYKH, V.P., red.; KALABIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.; NUZHIDIN, I.I., red.; FIRSOV, L.V., red.; FOGENKO, T.G., red.; SHAKHNAROVICH, L.A., red.

[Principles for making geomorphological prognosis maps of placer deposits] O printsipakh postroeniia geologo-geomorfologicheskikh prognoznykh kart rossypel. Magadan, 1958. 49 p. (Magadan, Vsesoiuznyi nauchno-issledovatel'skii institut zolota i redkikh metallov. Trudy. Geologiya, no.37). (MIRA 12:4)

(Ore deposits--Maps)

FIRSOV, Lev Vasil'vovich; SHILO, N.A., otv.red.; POTEMKIN, S.V., zam.otv.red.;
ALEKSANDROV, P.P., red.; APEL'TSIN, F.R., red.; BEREZIN, V.P., red.;
KALABIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.;
NUZHIDIN, I.I., red.; FOMENKO, T.G., red. (MIRA 12:4)

[Structure, morphology, and mineralization of the Igumenskoye gold deposit] Struktura, morfologiya, mineralogiya i orudnenie Igumenovskogo zolotorudnogo mestorozhdeniya. Magadan, 1958. 71 p. (Magadan, Vsesoiuznyi nauchno- issledovatel'skii institut zolota i redkikh metallov. Trudy, no.33)
(Tengke Valley--Gold ores)

KALABIN, Aleksey Il'ich; SHILO, N.A., otv.red.; POTEKIN, S.V., zam.otv.red.;
ALEKSANDROV, P.P.; zam.otv.red.; ALEKSANDROV, P.P., red.; APEL'TSIN,
F.R., red.; FOMENKO, T.G., red.; BEREZIN, V.P., red.; KUZNETSOV, G.G.,
red.; MATSUYEV, L.P., red.; NUZHIDIN, I.I., red.; FIRSOV, L.7., red.;
VANSREYDT, N.A., red.

[Underground waters in the northeastern part of the U.S.S.R.] Pod-
zemnye vody Severo-Vostoka SSSR. Magadan, 1958. 85 p. (Magadan.
Vsesoiuznyi nauchno-issledovatel'skii institut zolota i redkikh metal-
lov. Trudy. Merzlotovedenie, no.9). (MIRA 12:4)

(Russia, Northern--Water, Underground)
(Frozen ground)

RUSAKOV, Viktor Pavlovich; SHILO, N.A.,otv.red.; POTEMKIN, S.V.,zam.otv.
red.; ALEKSANDROV, P.P.,red.; APEL'TSIN, F.R.,red.; BEREZIN, V.P.,
red.; KALABIN, A.I.,red.; KUZNETSOV, G.G.,red.; MATSUYEV, L.P.,
red.; NUZHIDIN, I.I.,red.; FIRSOV, L.V.,red.; FOMENKO, T.G.,red.;
VANSHEYDT, N.A.,red.

[Choice of an efficient mining method for thick coal seams of
the Nizhne-Arkagala deposit] Vybor ratsional'noi sistemy razra-
botki moshchnykh ugol'nykh plastov Nizhne-Arkagalinskogo
mestorozhdeniia. Magadan, 1958. 15 p. (Magadan. Vsesoiuznyi
nauchno-issledovatel'skii institut zolota i redkikh metallov.
Trudy.Gornoe delo. no.18) (MIRA 12:5)
(Magadan Province--Coal mines and mining)

GAVRIKOV, Sergei Ivanovich; SHILO, Nikolay Alekseyevich, otv.red.; POTEMKIN, S.V., zam.otv.red.; ALEKSANDROV, P.P., red.; APEL'TSIN, F.R., red.; BEREZIN, V.P., red.; KALIBIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.; NUZHDIK, I.I., red.; FIRSOV, L.V., red.; FOMENKO, T.G., red.; SHAKHNAROVICH, L.A., red.

[Division of the upper Indigirka Valley into tectonic regions] O tektonicheskom raionirovanii basseina vekhnego techenia r. Indigirki. Magadan, 1958. 17 p. (Magadan, Vsesoiuznyi nauchno-issledovatel'skii institut zolota i redkikh metallov. Trudy. Geologiya, no.38).

(MIRA 12:4)

(Indigirka Valley--Geology, Structural)

SHILO, Nikolay Alekseyevich; POTEKIN, S.V., zam.otv.red.; ALEKSANDROV, P.P., red.; APEL'TSIN, F.R., red.; BEREZIN, V.P., red.; KALABIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.; NUZHIDIN, I.I., red.; FIRSOV, L.V., red.; FOMENKO, T.G., red.; SHAKHNAROVICH, L.A., red.

[Some principles for classifying placer deposits] Nekotorye printsipy rossiyskikh proiavlenii. Magadan, 1958. 20 p. (Magadan, Vsesoiuznyi nauchno-issledovatel'skii institut zolota i redkikh metallov. Trudy, Geologiya, no. 36).

(MIRA 12:4)

(Ore deposits--Classification)

MATSUYEV, Leonid Petrovich; SHILO, N.A., otv.red.; POTEKIN, S.V., zam.otv.
red.; ALEKSANDROV, P.P., red.; APPEL'TSIN, F.R., red.; BEREZIN, V.P.,
red.; KALABIN, A.I., red.; KUZNETSOV, G.G., red.; MUZHDIN, I.I., red.;
FIRSOV, L.V., red.; FOMENKO, T.G., red.; SHAKHAROVICH, L.A., red.

[Regularities in the process of disintegration and screening in
washing cleaners and trommels] Nekoterye zakonomernosti dezintegratsii
i grokhocheniia v s'trybberakh i drazhnykh bochkakh. Magadan, 1958. 36 p.
(Magadan. Vsesoiuznyi nauchno-issledovatel'skii institut zolota i
redkikh metallov. Trudy. Obogashchenie i metallurgii, no.26).

(Ore dressing)

(Screens (Mining))

(MIRA 12:4)

FOMENKO, Timofey Grigor'yevich; SHILO, N.A., otv.red.; POTENKIN, S.V., zam.
otv.red.; ALEKSANDROV, P.P., red.; APRL'TSIN, F.R., red.; BEREZIN,
V.P., red.; KALABIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P.,
red.; NUZHDIN, I.I., red.; FIRSOV, L.V., red.; FOMENKO, T.G., red.;
VANSHEYDT, N.A., red.

[Principles of the ore dressing process with use of concentrating
tables] Osnovy protsesssa obogashchenia rud na kontsentratsionnykh
stolakh. Magadan, 1958. 35 p. (Magadan. Vsesoiuznyi nauchno-issledo-
vatel'skii institut zolota i redkikh metallov. Trudy. Obogashchenie
i metallurgii, no.27). (MIRA 12:4)

(Ore dressing--Equipment and supplies)

PETROV, Appolinary Stepanovich; SHILO, N.A.,otv.red.; ALEKSANDROV, P.P.,red.;
APRI'TSIN, F.R.,red.; BEREZIN, V.P.,red.; KALABIN, A.I.,red.;
KUZNETSOV, G.G.,red.; MATSUYEV, L.P.,red.; NUZHIDIN, I.I.,red.;
POTEMKIN, S.V.,red.; FIRSOV, L.V.,red.; FOMENKO, T.G.,red.;
VANSHEYDT, N.A.,red.

[Production and use of soil concrete blocks in the construction
of buildings of few stories] Proizvodstvo i primeneni grunoblokov
v maloetazhnom stroitel'stve Magadan, 1958. 47 p. (Magadan. Vsesoiuz-
nyi nauchno-issledovatel'skii institut zolota i redkikh metallov.
Trudy. Mestnye stroimaterialy, no.7) (MIRA 12:5)
(Soil cement) (Building blocks)

MANUYLOV, Pavel Ivanovich; GALKIN, Georgiy Semenovich; SHILO, N.A., otv. red.;
POTEMKIN, S.V., zam. otv. red.; ALEKSANDROV, P.P., red.; APEL'TSIN, F.R.,
red.; BEREZIN, V.P., red.; KALABIN, A.I., red.; KUZNETSOV, G.G., red.;
MATSUYEV, L.P., red.; NUZHDIN, I.I., red.; FIRSOV, L.V., red.;
FOMENKO, T.G., red.; SHAKHNAROVICH, L.A., red.

[Peat lifting by means of excavating machinery in stripping
placer deposits in the Northeastern U.S.S.R.] Vskrysha torfov
zemlerolnyimi mashinami na priiskakh Severo-Vostoka SSSR.
Magadan, 1958. 68 p. (Magadan. Vsesoiuznyi nauchno-issledovatel'-
skii institut solota i redkikh metallov. Trudy. Gornoe delo no.19)
(MIRA 12:5)

(Soviet Far East--Gold ores) (Peat) (Excavating machinery)

SOV/3-58-11-35/38

AUTHORS: Firsov, L.V., Candidate of Geological-Mineralogical Sciences;
~~Kartashov, I.P.~~, Candidate of Geographical Sciences; Panov,
A.A.; Rabil', K.M.; Sholmin, V.Ya.; Strizhenko, N.D.

TITLE: An Aid Required by Both Students and Production Workers
(Posobiye, neobkhodimoye i studentam i proizvodstvennikam)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 11, pp 92 - 94 (USSR)

ABSTRACT: This is a review of the book by Professor N.I. Buyalov,
"Structural Geology". There is 1 Soviet reference.

ASSOCIATION: Sovet narodnogo khozyaystva Magadanskogo administrativnogo
ekonomicheskogo rayona (National Economy Council of the
Magadan Administrative Economic District)

Card 1/1

3 (8)
AUTHOR:

Firsov, L. V.

SOV/20-126-1-42/62

TITLE:

On a Find of Seirigite in the North-east of the USSR
(O nakhodke seyrigita na Severo-Vostoke SSSR)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 1,
pp 155-156 (USSR)

ABSTRACT:

In 1952 the author investigated together with V. N. Soboleva and P. I. Skorniyakov (deceased) the rocks and ores of the molybdenum deposits of batholith of Magadan. In several samples of the Usinskoye ore occurrence a calcium wolframate with a high molybdenum content was found beside scheelite. It was identified as seirigite. This is the first find of this mineral in the USSR as far as is known. Although seirigite holds an intermediate position in the series scheelite-powellite, it differs by several properties distinctly enough from the first and the more from the second one. It deserves (Ref 1) an independent name. The mentioned finding place lies 18 km to the north-west of the town of Magadan in a granodiorite field (absolute age 115 million years). The age determinations were carried out in the Magadan Institute (see Association). The ore zone is localized along a fracture. This points out the

Card 1/2

On a Find of Seirigite in the North-east of the USSR SOV/20-126-1-42/62

relation between the mineralization and pegmatite and aplite-like Upper Cretaceous granites. Molybdenite is contained as flakes, rosette-like conglomerations and flake accumulations. The pegmatite- and the pneumatolytic-hydrothermal mineralization stages are distinctly marked. Scheelite and seirigite are associated with molybdenite in the ores. It does not pay to mine the latter, it is only interesting from the mineralogical point of view. The author gives a crystallographic-mineralogic description of seirigite and mentions several properties as well. There is 1 Soviet reference.

ASSOCIATION: Magadanskiy nauchno-issledovatel'skiy institut zolota i redkikh metallov (Magadan Scientific Research Institute of Gold and Rare Metals)

PRESENTED: December 8, 1958, by D. I. Shcherbakov, Academician

SUBMITTED: November 15, 1958

Card 2/2

FIRSOV, L.V.

Absolute age of igneous rocks of the Magadan batholith. Izv. AN
SSSR. Ser. geol. 25 no.2:28-38 P '60. (MIRA 13:10)

1. Magadanskiy nauchno-issledovatel'skiy institut zolota i
redkikh metallov (VNII-1).
(Magadan Region--Batholiths)

FIRSOV, L.V.

Selection of decay constants of K^{40} for the determination of the age of rocks by the ratio of Ar^{40} to K^{40} . Izv. AN SSSR, Ser. geol. 25 no. 3:96-101 Mr '60. (MIRA 13:12)

1. Vsesoyuznyy Magadanskiy institut zolota i redkikh metallov (VNII-1).

(Geological time)

FIRSOV, L. V.

Age of gold-bearing deposits in the northeastern U.S.S.R. Geol.
rud. mestorozh. no.2:53-62 Mr-Ap '60. (MIRA 13:8)

1. Magadanskiy nauchno-issledovatel'skiy institut solota i
redkikh metallov.

(Russia, Northern--Gold ores)

FIRSOV, L. V.

Absolute age of Crimean diabasic porphyrites. Izv. vys. ucheb. zav.;
geol. i razv. 3 no.8:41-42 Ag '60. (MIRA 13:10)

1. Magadanskiy nauchno-issledovatel'skiy institut zolota i redkikh
metallov.

(Crimea--Porphyrites)

FIRSOV, L.V.

Mesozoic magnetic activity in the northeastern U.S.S.R. analyzed
from the viewpoint of geochronology. Izv. vys. ucheb. zav.; geol.
i razved. 3 no. 10:12-20 0 '60. (MIRA 13:12)

1. Magadanskiy nauchno-issledovatel'skiy institut zolota i
redkikh metallov.

(Soviet Far East--Magma) (Geological time)

FIRSOV, L.V.

Age of the Vostochnoye gold ore deposits in connection with the
determination of the absolute age of igneous rocks in the Khas-
tynakh intrusive in the Kolyma Basin. Biul.Kom.po opr.abs.
vozn.geol.form. no.4:48-55 '61. (MIRA 15:1)

(Kolyma Valley--Rocks igneous)

(Geological time)

(Kolyma Valley--Gold ores)

FIRSOV, L.V.

Cross-shaped inclusions of sphalerite in chalcopyrite. Dokl. AN
SSSR 140 no.4:922-924 0 '61. (MIRA 14:9)

1. Severo-Vostochnyy kompleksnyy nauchno-issledovatel'skiy institut
Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom D.I.
Shcherbakovym.

(Kandychan--Tin ores) (Sphalerite) (Chalcopyrite)

FIRSOV, L.V.

Results of the parallel determination of the absolute age of
rare-metal quartz-feldspar vein according to Ar^{40}/K^{40} and
 He^4/Th^{232} . Biul.Kom.po opr.abs.vozr.geol.form. no.4:81-86
'61. (MIRA 15:1)

(Metals, Rare and minor)
(Geological time)

FIRSOV, L.V.

Selection of disintegration constants of potassium-40 for
determining the age of rocks according to the argon-40
potassium-40 ratio. Biul.Kom.po opr.abs.vozr.geol.form. no.4:
87-92 '61. (MIRA 15:1)

(Geological time)

ANDRIANOV, Aleksandr Alekseyevich; POTEMKIN, S.V., glavnyy red.;
MATSUYEV, L.P., zamestitel' glavnogo red.; SHAKHNAROVICH, L.A.,
red.; BEREZIN, V.P., red.; VESELOV, V.V., red.; GOLANDSKIY, D.B.,
red.; GOL'DTMAN, V.G., red.; IGNATENKO, M.A., red.; SHASHURA, M.V.,
red.; RIVKIN, G.M., red.; FIRSOV, L.V., red.; SHEPELEV, I.T.

[Methods of analytic decomposition of cassiterite and tin ores]
Metody analiticheskogo razlozheniya kassiterita i rud olova.
Magadan, 1962. 14 p. (Magadan. Vsesoiuznyi nauchno-issledo-
vatel'skii institut zolota i redkikh metallov. Trudy Obogashchenie
i metallurgiya, no.53). (MIRA 16:7)

(Cassiterite--Analysis) (Tin ores--Analysis)

RED'KIN, V.K.; POTEMKIN, S.V., glavnyy red.; MATSUYEV, L.P., zamesti-
tel' glavnogo red.; SHAKHNAROVICH, L.A., red.; BEREZIN, V.P.,
red.; VESELOV, V.V., red.; GOLANDSKIY, D.B., red.; GOL'DTMAN,
V.G., red.; IGNATENKO, M.A., red.; SHASHURA, M.V., red.;
RIVKIN, G.M., red.; FIRSOV, L.V., red.; SHEPELEV, I.T., red.

[Grounding and protective cutting-off in underground workings
of permafrost placer deposits.] Zazemleniia i zashchitnye
otkliucheniia pri podzemnoi razrabotke mnogoletnemerzlykh
rossypei. Magadan, Vses. nauchno-issl. in-t zolota i redkikh
metallov, 1962. 26 p. (Magadan, Vsesoiuznyi nauchno-issledo-
vatel'skii institut zolota i redkikh metallo. Trudy, Gornoe
delo, no.40) (MIRA 16:6)

(Kolyma Valley—Electric protection)
(Kolyma Valley—Placer deposits)

POTEMKIN, S.V., glav. red.; MATSUYEV, L.P., zam. glav. red.;
BEREZIN, V.P., red.; VESELOV, V.V., red.; GOLANDSKIY,
D.B., red.; GOL'DIMAN, V.G., red.; IGNATENKO, M.A., red.;
SHASHURA, M.V., red.; RIVKIN, G.M., red.; FIRSOV, L.V.,
red.; SHAKHNAROVICH, L.A., red.; SHEPELEV, I.T., red.;
SHAROVA, L.A., red.

[Reports for 1961] Sbornik referatov za 1961 god. Magadan,
1962. 135 p. (Its: Trudy VNII-1) (MIRA 16:7)

1. Magadan. Vsesoyuznyy nauchno-issledovatel'skiy institut
zolota i redkikh metallov.

(Frozen ground) (Mining engineering) (Metallurgy)
(Building materials)

FIRSOV, L.V.

Structure and origin of quartz nodules from some ore deposits
in the Yana-Kolyma gold-bearing belt. Geol.rud.mestorozh.
no.1:78-86 Ja-F '62. (MIRA 15:2)

1. Severo-vostochnyy kompleksnyy nauchno-issledovatel'skiy
institut Sibirskogo otdeleniya AN SSSR, g. Magadan.
(Yana Valley—Quartz)
(Kolyma Valley—Quartz)

FIRSOV, L.V.

Manifestation of Triassic igneous activity in the Verkhoyansk-Chukchi fold area. Izv.AN SSSR.Ser.geol. 27 no.8:36-48 Ag '62.
(MIRA 15:8)

1. Severo-Vostochnyy kompleksnyy nauchno-issledovatel'skiy
institut Sibirskogo otdeleniya AN SSSR, g. Magadan.
(Siberian, Eastern--Geology, Structural)

FIRSOV, L.V.

Late Mesozoic magmatic phases in the northeast of the U.S.S.R.
Dokl. AN SSSR 142 no.6:1381-1383 F '62. (MIRA 15:2)

1. Severo-Vostochnyy kompleksnyy nauchno-issledovatel'skiy
institut Sibirskogo otdeleniya AN SSSR. Predstavleno
akademikom D.I. Shcherbakovym.
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